



HIGH NOON AT SEA.

Wireless Telegraph as an Aid to Navigation.

The most momentous improvement in navigation since the invention of the chronometer, over 140 years ago, has just been foreshadowed in a modest paragraph in the report of the chief of the bureau of equipment of the United States navy.

"It is believed," says Chief Manney, "that the development of wireless telegraphy will enable these (time) signals to be distributed over water as well as over land and that before long every ship at sea, in addition to every land station, will receive daily noon signals from the standard observatory clock."

What does that mean? Nothing less than the elimination of the last element of uncertainty from the problem of finding the position of a ship at sea. Hitherto the one weak point in navigation has been the difficulty of carrying standard time on a voyage.

Observations for local time as well as for latitude have been exact, but the comparison of local with standard time for obtaining the longitude has involved a certain amount of guesswork.

The best chronometer is not quite infallible, and some allowance, which may not be precisely right, has always to be made for errors.

But with time signals received from a national observatory every day at noon the mariner will know his way over any part of the wide ocean as accurately as if he were threading a buoyed channel.

The chronometer will join the cross staff and the sextant on the junk heap of discarded make-shifts.

And of course a ship that can communicate with the shore for one purpose is equally in touch with the world for any other communication it needs to make.

A New Multiplex Telegraph. The invention of new methods for sending a number of messages simultaneously over the same wire continues, and one of the most recent of these is due to Professor Mercadier of the French High School for Post and Telegraph.

In this method an alternating current is employed whose frequency depends upon a tuning fork having a certain definite number of vibrations.

The current of such an interrupted circuit can be broken by an ordinary key and signals transmitted over the line wire by an induction transmitter.

On the line at the distant station are a number of so called monotelephones which respond to current of one frequency and are tuned to the forks in

the circuits at the sending station. Thus each particular circuit has its own telephone, which is connected by tubes with the ears of the receiving operator and responds to the signals made at the sending station.

In all twelve circuits are provided, so that twenty-four messages may be sent over the line simultaneously.—Harper's Weekly.

White Shoes For Women. While in a manufacturer's office the other day the writer chanced to hear an argument about colors in shoes for new styles.

The outcome, or what both agreed upon, was this: More tans than anything else, then patents, then whites. The sale of white goods will discount last year's sales.

The women next spring and summer will wear more colors than ever before. Just to illustrate what is coming, last summer in Philadelphia the fad of dressing in colors reached such a degree that some women who dressed in light green would wear nothing but green shoes to match their clothes.

Next summer white footwear will be in vogue as much as, if not more than, it was about eighteen years ago.—Shoe Retailer.

The Cost of Living. According to the annual report of the commissioner of labor, for incomes of under \$1,500 a year the increase in the cost of living has been 13 and a fraction per cent in the last eight years.

The general increase in the income of wage earning families has been a trifle over 16 per cent. To get the averages the labor bureau secured the income and expenses in detail of over 2,000 households in thirty-three states of the Union.

The average family consisted of five and one-third persons. Food claimed 42.54 per cent of the total expenditure, rent 12.06 per cent and clothing 14.04 per cent.

Last of the Six Hundred. Thomas Yates of Toledo, O., believed to be the sole survivor on this side of the Atlantic of the "noble six hundred" who made the famous charge at the battle of Balaklava Oct. 25, 1854, has just celebrated the fiftieth anniversary of that event immortalized by Tennyson in his "Charge of the Light Brigade."

Mr. Yates, though eighty-one years of age, works every day and shows in many other respects the clear spirit of the men who rode "into the jaws of death" on that famous and fatal day.

The Voice of the Worldly. "Poverty is no disgrace," said the romantic young woman. "No," answered Miss Cayenne, "and it is no great recommendation either."—Washington Star.

He who gives up the smallest part of a secret has the rest no longer in his power.—Richter.

How High Heels Are Made.

Making a wooden heel is an interesting task. The heel itself is molded on an irregular molder, a strange but very effective machine, and a singular fact about it is that not a single improvement has been made on it in twenty-five years.

The heel is molded from the best quality of rock maple and after it is shaped is covered with leather, usually fine kid or cabretta stock, which may be in many colors, according to prevailing fashions.

The leather is stretched on, fastened with the best quality of rubber cement and then ironed, so that when the job is finished the heel looks as if all of leather. The top lift is next attached.

The lift is usually of a superior quality of sole leather, and a pair of them cost as much as a full sized top lift for women's shoes, though less than half their size. The fact is good material and workmanship are put into the high heel, for it is one of the vital parts of the shoe or slipper.—Shoe Retailer.

Independent Voting.

For many years, says the New York Globe, it has been supposed that independent voting was confined almost entirely to the east and that it was more generally exercised in New York than anywhere else.

This was by no means the case in the late election. In ten states, including all sections of the land, an amount of independent action never before exhibited and never before equaled in a single state was displayed.

The following table, giving the votes for Roosevelt and the votes on governors, shows this in a very striking manner:

Table with 2 columns: State, Roosevelt, Governor. Rows include Colorado, Massachusetts, Michigan, Minnesota, Missouri, New Jersey, New York, Rhode Island, West Virginia, Wisconsin.

Intensified Farming.

Constantly increasing density of population and steadily advancing value of land are doing much to change the system of farming in the United States.

While large "bonanza" farms are still to be found in the prairie regions and will continue to exist for many years to come, their number is decreasing, and the small farm becomes every year more common.

Acres are giving way to cultivation, and what the individual farmer lacks in area of land he makes up in fertility.

If he has less capital invested in his farm he invests more capital in the form of labor and produces practically the same results in the way of profits.

Though the profits are perhaps not so large in extremely favorable years, the better cultivation makes the yield more certain, and the danger of an entire failure of crops is overcome.

Intensified farming has come to stay.—Portland Oregonian.

LOST—Black Bay Mining Co's stock certificate No. 580, issued to S. O. Leslie.

Finder will please leave same with N. B. CARLSON, Sec., and receive reward.

KILLS CATARRH GERMS

Breaths Hyomel and is Cured of Catarrh—Costs Nothing if it Fails.

Breathes Hyomel for a few minutes four times a day, thru the neat pocket inhaler that comes with every outfit, and benefit will be seen at once.

Conclude this treatment for a short time, and your catarrh will have been cured by Hyomel.

There is no roundabout way in Hyomel's medicinal action; it does not try to cure a disease of the head by putting medicine into the stomach.

It fills the air you breathe with balsamic healing, that soothes the irritated and smarting membrane, destroys the germs of catarrh that are present in the head and throat, and is the only treatment that can be relied upon to cure.

When using Hyomel the air you breathe will be like that on the mountains high above the sea level, filled with volatile, antiseptic fragrance that heals and cures the irritated mucous membrane of the air passages.

This treatment has been so successful, curing 99 per cent of all who have used it, that Hyomel is sold by A. E. Moseberg under an absolute guarantee to refund the money if it does not benefit.

You run no risk whatever in buying Hyomel. If it did not possess unusual powers to cure, it could not be sold upon this plan.

The complete Hyomel outfit costs \$1.00 and comprises a hard rubber inhaler, a bottle of Hyomel and a dropper. The inhaler will last a lifetime; and additional bottles of Hyomel can be obtained for 50c.

The council adopted an ordinance last night imposing a tax on dogs of all degrees and directing the marshals to capture and eventually kill all stray dogs caught wandering about the streets without visible proof of support and not wearing the regulation tag.

Unless the canine population diminishes materially before the ordinance goes into effect, Jan. 1, we would not be surprised if the revenue derived from dog license would support the city and pay the expense of building a new school house.—Appleton Tribune.

George Gary from Willmar comes to Clara City every day to receive treatment from Dr. Davison for rheumatism in his feet.

Mr. Gary has been to the hot springs and has tried various doctors but without any relief still Dr. Davison took hold of the case when he began at once to improve and is now getting better every day.—Clara City Herald.

The Metropolitan barber shop, Bank of Willmar Building, B. T. Oles, proprietor, is the shop to get a shave, hair cut or bath.

IN THE SELECTION OF

HOLIDAY PRESENTS

We desire to offer a few suggestions. We have many different lines, in any of which you will find lasting and useful presents

Our Silverware

is more complete this season than ever before, Toilet Sets, Manicure Sets, Desk Sets, Sewing Sets, etc., etc.

Clocks

of every description and at almost any kind of a price.

Our Cut Glassware

will please all—both rich and poor. By coming early you have the complete stock to select from.

Our Lamps

are fit for a King. At the same time the price makes them within the reach of all.

Our Hand Painted Haviland China

is very select and at the same time complete. We have displayed same very nicely on tables so that you will have very little trouble to make your selections. It would be useless to enumerate

any articles. Come and see them even if you do not buy.

General Jewelry Line

Is very extensive and complete.

A Word in Conclusion. Our aim has been, and is to keep in stock not only articles that are beautiful but those that are useful. A present that has no further usefulness except its beauty will soon be forgotten, but a present that can be used every day and retain its beauty will be a joy as long as it lasts.

Thanking our many friends and patrons for favors in the past and wishing you all a merry Xmas and a happy New Year we are Cordially yours

ANDERSON BROS.

THE FOURTH STREET JEWELERS.

Xmas Goods for Everybody

We have them of every description. If you want a beautiful, substantial present, you will find it here, and if you are looking for Toys we have them. Here are some suggestions:

- Plated Metal Goods Games Imported and Domestic Fancy China Celluloid Goods Large line of Fancy Lamps Books Just the thing for Xmas gifts Leather Goods Smokers' Articles Dolls Toys of every description

Prices correct. Our assortment is large and well selected. A share of your holiday shopping will be appreciated.

CARLSON BROS. & FROST

The Old Familiar Drug Store.

Make your feet a Christmas present of a pair of

Walk-Over shoes

If your feet growl sometimes, isn't it because they are dissatisfied with your treatment of them? You prefer comfortable surroundings to work in, and so do your feet. They can't successfully work in a misfit harness any more than you can.

We have a full and complete line of Ladies' and Gent's OVERSHOES

The Capital Shoe Co.

PETERSON & JOHNSON, Proprietors



A GOOD COMBINATION

The Majestic Steel Range The Radiant Home Heater

A joy and a comfort in the home. You can find out all about these two excellent articles by calling on

Ohsberg, Selvig & Co.

YOU CAN'T BEAT IT!

and it's the same with our cigars. What's the use of trying to climb above the top? Smokers of our prime candidates for incineration know all about the goods we offer them. What they were yesterday they are to-day and will be to-morrow. We set the standard high and stick to it. We never will come off our perch:

Rosa de P. & J.

10 cents straight, or 3 for a quarter.

For sale by leading dealers.

Manufactured by PETERSON & JOHNSON.

Do you enjoy SKATING? Then get your skates from us. We carry only the best.

WILLMAR HARDWARE COMPANY

Solve the fuel question by calling on us for STOVES. We can suit you.